

U.S. Patent Application Serial No. 10/088,487
Response dated April 6, 2004
Reply to OA of January 12, 2004

IN THE CLAIMS

Please amend claim 1 as follows:

Claim 1 (Currently Amended): A sliding bearing ~~wherein~~ comprising an overlay, ~~which consists~~ consisting of at least one solid lubricant and a binder resin, said overlay covers an aluminum-alloy bearing layer bonded on backing metal, and ~~characterized in that~~ said overlay consists of an upper layer comprising said layer, ~~which contains the~~ solid lubricant ~~essentially consisting essentially~~ of MoS₂, and a lower layer, ~~which consists~~ consisting of one or both of at least one solid lubricant and at least one hard additive, ~~(when wherein when said the solid lubricant of the said lower layer is MoS₂, its content is relatively lower than that of the said upper layer layer).~~

Claim 2 (Original): A sliding bearing according to claim 1, wherein the MoS₂ content of the upper layer is from 40 to 95 mass %.

Claim 3 (Original): A sliding bearing according to claim 2, wherein the content of the solid lubricant and hard additive of said lower layer is from 30 to 85 mass %.

Claim 4 (Original): A sliding bearing according to claim 3, wherein said lower layer contains only the solid lubricant.

U.S. Patent Application Serial No. 10/088,487
Response dated April 6, 2004
Reply to OA of January 12, 2004

Claim 5 (Original): A sliding bearing according to claim 4, wherein said solid lubricant is MoS₂.

Claim 6 (Original): A sliding bearing according to claim 5, wherein the MoS₂ content of said upper layer is more than the MoS₂ content of said lower layer by 10 mass % or more.

Claim 7 (Original): A sliding bearing according to any one of claims 1 through 6, wherein the hard additive of said lower layer is at least one selected from the group consisting of Si₃N₄, SiO₂, SiC and Al₂O₃.

Claim 8 (Previously Presented): A sliding bearing according to any one of claims 1 through 6, wherein said upper layer consists of two or more sub-layers having different MoS₂ content of the upper sub-layer is more than the MoS₂ content of the lower sub-layer.

Claim 9 (Previously Presented): A sliding bearing according to any one of claims 1 through 6, wherein said lower layer consists of two or more sub-layers having different additive amount.